

MERIDIAN

Perfect balance of comfort & value

For those who seek the perfect blend of performance and affordability, Meridian is the answer.

Designed for homeowners who want reliability and efficiency, Meridian provides year-round comfort with smart controls and superior heating capabilities. It's built for those who demand value without compromise.

Smart, reliable, and efficient

The Meridian single-zone system offers the perfect mix of advanced features and affordability, making it ideal for homeowners looking for year-round comfort without compromise.

Reliable comfort tailored for Canadian seasons 🍁

Winter or summer time, the Meridian heat pump is designed to meet your most demanding needs and requirements when it comes to family comfort.

The Meridian heat pump stands out as a top choice for its exceptional performance in all conditions. Even in extreme cold, it delivers **100% HEATING CAPACITY AT -15°C**.

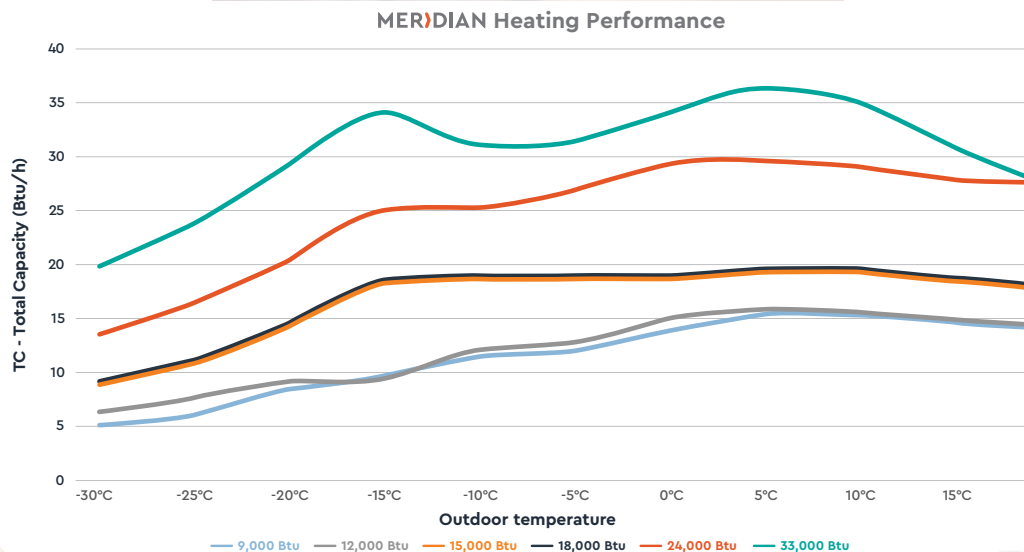
As a HEAT⁺ system, it continues to provide reliable warmth even in temperatures as low as -30°C.

Stay cozy with Meridian's advanced HEAT⁺ system

Designed for homeowners seeking reliability and performance, Meridian incorporates HEAT⁺ technology to provide efficient heating in colder climates. The intelligent Inverter system ensures steady temperatures and reduced energy consumption, offering year-round comfort with smart, user-friendly controls.

A refined contemporary design

The Meridian has a smaller outdoor unit than the previous generations and the indoor unit has been redesigned with a more modern look. This means it takes up less space and looks better while still providing exceptional performance.



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Technical specifications

Indoor model			MWHMA09C2AS1	MWHMA12C2AS1	MWHMA15C2AS1	MWHMA18C2AS1	MWHMA24C2AS1	MWHMA33C2AS1
Outdoor model			MSHMA09C2AN1	MSHMA12C2AN1	MSHMA15C2AN1	MSHMA18C2AN1	MSHMA24C2AN1	MSHMA33C2AN1
HEAT ⁺ Technology			YES	YES	YES	YES	YES	YES
Cooling	Capacity (range)	Btu/h	9,000 (3,800~13,500)	12,000 (3,800~13,500)	15,400 (8,800~19,400)	18,000 (8,800~19,400)	24,000 (12,600~27,900)	33,000 (15,000~37,000)
	EER2		15.4	13.4	13.5	12.5	13	12
	SEER2		27.4	25.4	22.2	21.4	21	19.5
Heating	Capacity (range)	Btu/h	12,000 (3,800~16,000)	12,000 (3,800~16,000)	15,400 (11,200~19,500)	18,000 (11,200~19,500)	29,000 (11,800~29,700)	36,000 (19,700~37,800)
	COP at 8.3°C		3.76	3.76	3.5	3.26	3.42	3.37
	HSPF2 Region V (Region IV)		9.5 (12.5)	8 (10.5)	8.5 (11.5)	8.5 (11)	9.8 (13.5)	8.6 (10.5)
Max. fuse (outdoor)		A	15	15	20	20	25	35
Power supply		V Ph Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
Indoor air flow (Turbo \ Hi \ Mi \ Lo \ Si)		m³/h	750 \ 550 \ 390 \ 300 \ 250	750 \ 550 \ 390 \ 300 \ 250	1080 \ 850 \ 610 \ 500 \ -	1080 \ 850 \ 610 \ 500 \ -	1380 \ 1050 \ 700 \ 540 \ -	1470 \ 1250 \ 1020 \ 720 \ -
		CFM	441.4 \ 323.7 \ 229.6 \ 176.6 \ 147.2	441.4 \ 323.7 \ 229.6 \ 176.6 \ 147.2	635.7 \ 500.3 \ 359 \ 294.3 \ -	635.7 \ 500.3 \ 359 \ 294.3 \ -	812.3 \ 618 \ 412 \ 317.8 \ -	865.2 \ 735.8 \ 600.4 \ 423.8 \ -
Indoor noise level (Turbo \ Hi \ Mi \ Lo \ Si)		dB(A)	- \ 38 \ 33 \ 20.5 \ 19.5	47 \ 36.5 \ 32.5 \ 22 \ 19.5	49.5 \ 45 \ 38 \ 31.5 \ 19.5	49.5 \ 45 \ 38 \ 31.5 \ 19.5	54.5 \ 43.5 \ 38.5 \ 27 \ 16	57 \ 53 \ 46.5 \ 35.5 \ 29.5
Indoor unit	Dimension (WxDxH)	mm	848.4×233.2×300	848.4×233.2×300	1017.4×248×319	1017.4×248×319	1190×285×371	1190×285×371
		in	33.4×9.2×11.8	33.4×9.2×11.8	40.1×9.7×12.6	40.1×9.7×12.6	46.9×11.2×14.6	46.9×11.2×14.6
	Net weight	kg	10.6	10.4	12.4	12.4	19.8	19.6
		lb	23.4	22.9	27.3	27.3	43.7	43.2
Outdoor noise level		dB(A)	56	56	59	59	61.5	63.5
Outdoor unit	Dimension (WxDxH)	mm	805×330×554	805×330×554	890×342×673	890×342×673	946×410×810	946×410×810
		in	31.7×13×21.8	31.7×13×21.8	35×13.5×26.5	35×13.5×26.5	37.2×16.1×31.9	37.2×16.1×31.9
	Net weight	kg	33	33	45.3	45.3	59.1	71.2
		lb	72.8	72.8	99.9	99.9	130.3	157
Refrigerant precharge		oz (kg)	35.3 (1)	35.3 (1)	55.4 (1.6)	55.4 (1.6)	63.5 (1.8)	87.1 (2.5)
Refrigerant piping	Liquid side	in (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)
	Gas side	in (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	3/4 (19)
	Max. refrigerant pipe length	ft (m)	82 (25)	82 (25)	98.4 (30)	98.4 (30)	164 (50)	164 (50)
	Max. difference in level	ft (m)	49.2 (15)	49.2 (15)	65.6 (20)	65.6 (20)	82 (25)	82 (25)
Moisture removal		L/h	0.3	1.2	1.5	2.2	2.7	4.2
Included Controller Type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Indoor Room	Set point Range	°C (°F)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)
Outdoor	Outdoor temperature range of operation (cooling)	°C (°F)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)
	Outdoor temperature range of operation (heating)	°C (°F)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)
Refrigerant			R454B	R454B	R454B	R454B	R454B	R454B
ENERGY STAR V6.1			✓	✓	✓	✓	✓	✓
ENERGY STAR V6.1 Cold Climate			✓	✓	✓	✓	✓	✓

Images shown are for illustration purposes only and may not represent the exact product model or configuration available.

Product specifications may change without notice. Performance at standard test conditions.

Values shown are approximate and may have been rounded for ease of reference. Refer to product submittals for complete specifications. Specifications subject to change without notice.

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